

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 September 2005 (29.09.2005)

PCT

(10) International Publication Number
WO 2005/089578 A1

(51) International Patent Classification⁷: **A41B 11/08**

[KR/KR]; 26/2, 99-7 Bundang-dong,, Bundang-gu, Seongnam-si, Gyeonggi-do, 138-050 (KR).

(21) International Application Number:
PCT/KR2005/000018

(74) Agent: HAN YANG PATENT FIRM; 9F Keungil Tower, 677-25, Yeoksam-dong, Gangnam-gu, Seoul, 135-914 (KR).

(22) International Filing Date: 5 January 2005 (05.01.2005)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:
10-2004-0018842 19 March 2004 (19.03.2004) KR
10-2005-0000357 4 January 2005 (04.01.2005) KR

(71) Applicant (for all designated States except US): JOEUN PROTECH CO., LTD [KR/KR]; 193-24, Bangi-dong,, Songpa-gu,, Seoul 138-050 (KR).

(72) Inventor; and

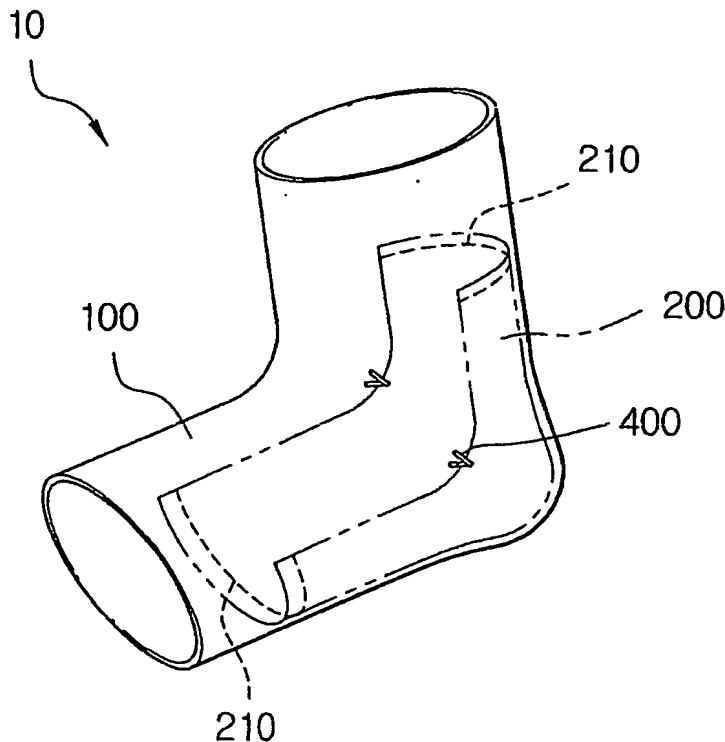
(75) Inventor/Applicant (for US only): YOON, Min Seok

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: A HEEL PROTECTOR



(57) Abstract: Disclosed herein is a heel protector including a body member made of a flexible fabric material for being worn on the feet and an inner pad member coupled to an inside of the body member for accommodation to an area where a heel is located when the heel protector is worn. Both distal ends of a longitudinal direction of the inner pad member are coupled to the body member, and two areas of the inner pad member accommodated to both lateral sections of the heel are coupled to the body member, such that the inner pad member can relatively slide in relation to the body member when the heel protector is worn. Friction generated on the heels while walking can be subdued by the inner pad member to thereby prevent formation of calluses or blisters, and manufacturing process can be simplified to reduce the manufacturing cost.

WO 2005/089578 A1



European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*